## STANFORD UNIVERSITY SCHOOL OF MEDICINE STANFORD MEDICAL CENTER 300 PASTEUR DRIVE, PALO ALTO, CALIFORNIA

DEPARTMENT OF GENETICS Professor Joshua Lederberg

Dear Gene\_\_

In completing the DENDRAL system, the question came up (and rather incidentally) whether one needed provision for cis-trans isomerism of:

 $(CH_2)_m C CH_2)_n \qquad n, m \ge 8$ 

I gather that trans-cyclooctaene is realizable, but I wondered whether ring fusion across a trans - ene warmanted any consideration.

Julin

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